

FIG. 1

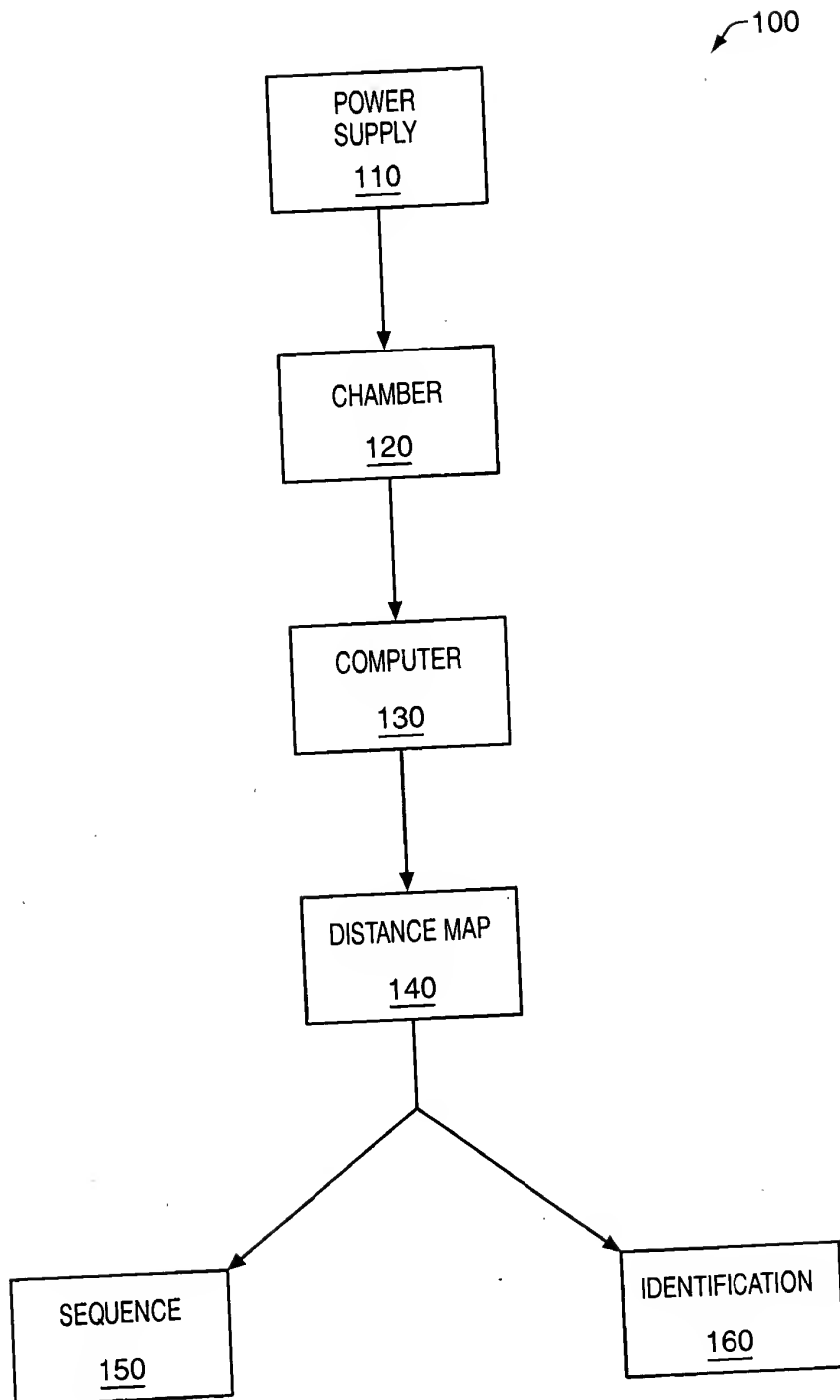


FIG. 2

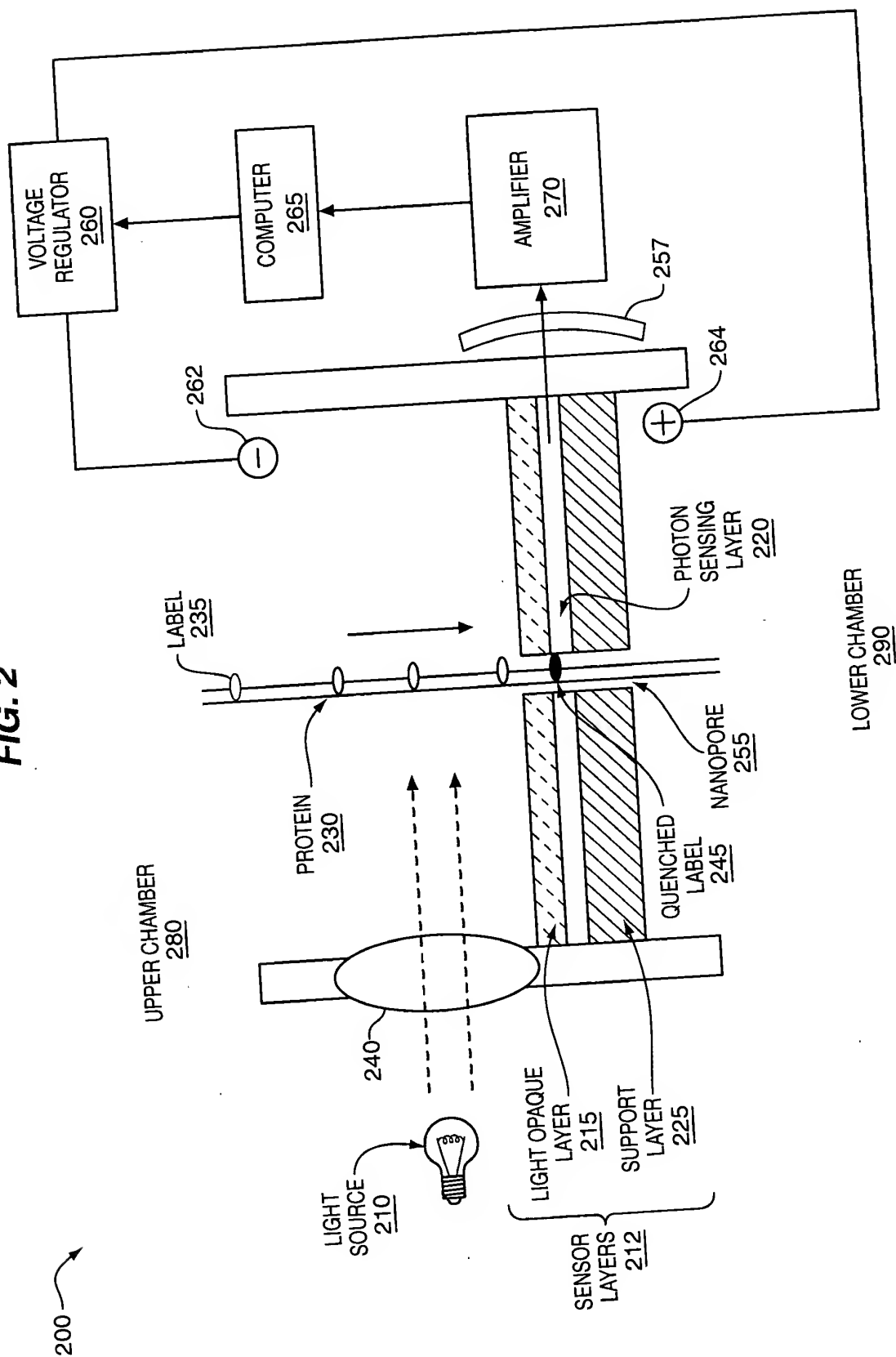
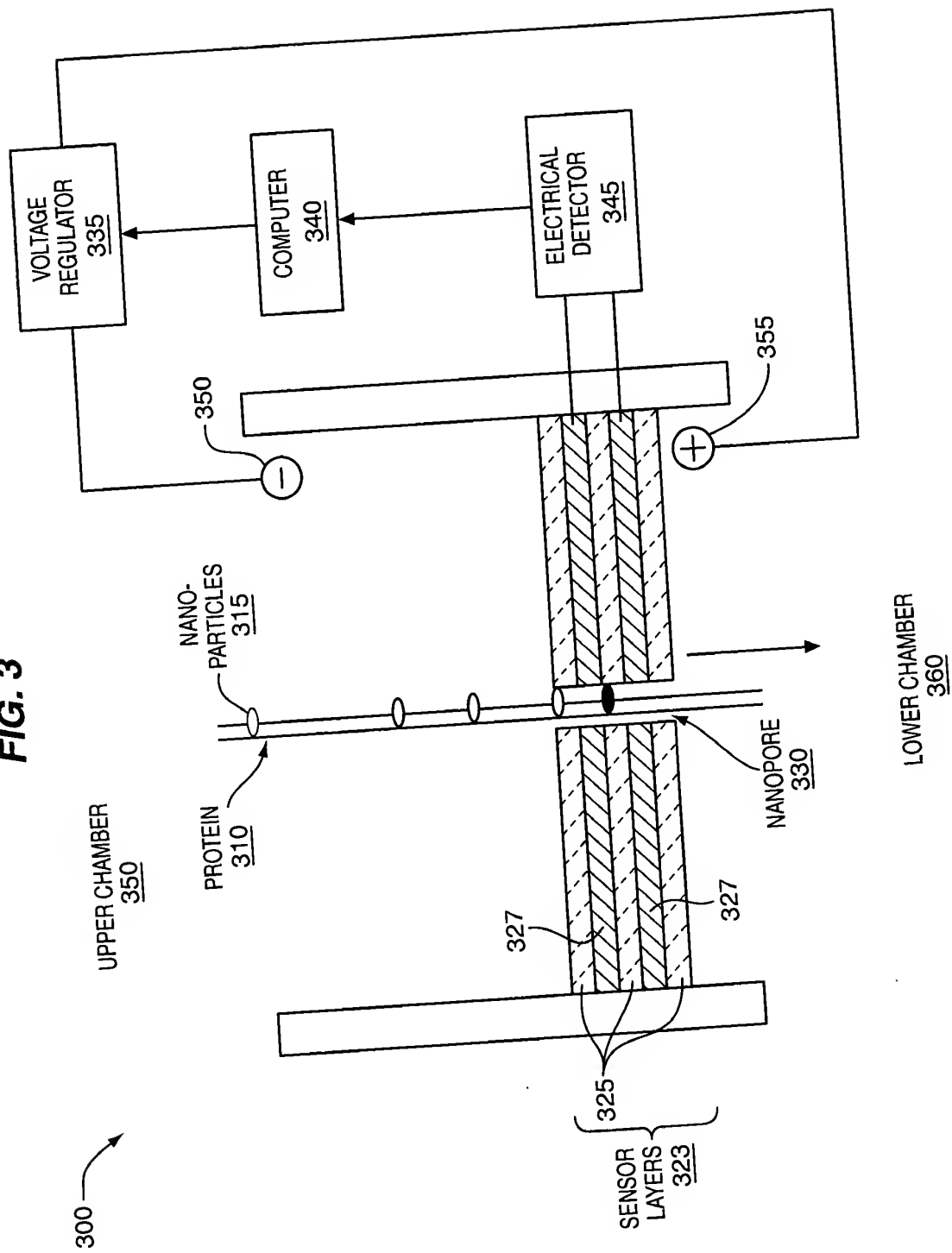
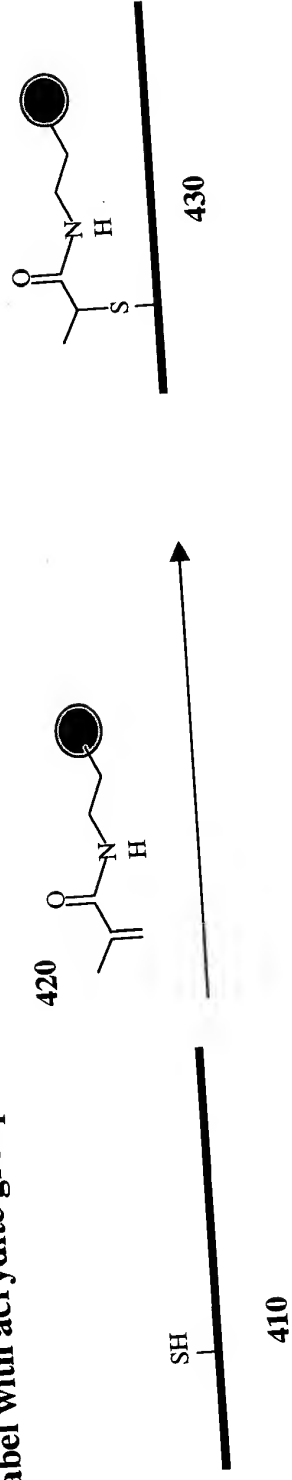


FIG. 3



Tagging Cysteine Residues

1) Label with acrydite group



2) Label with amino group

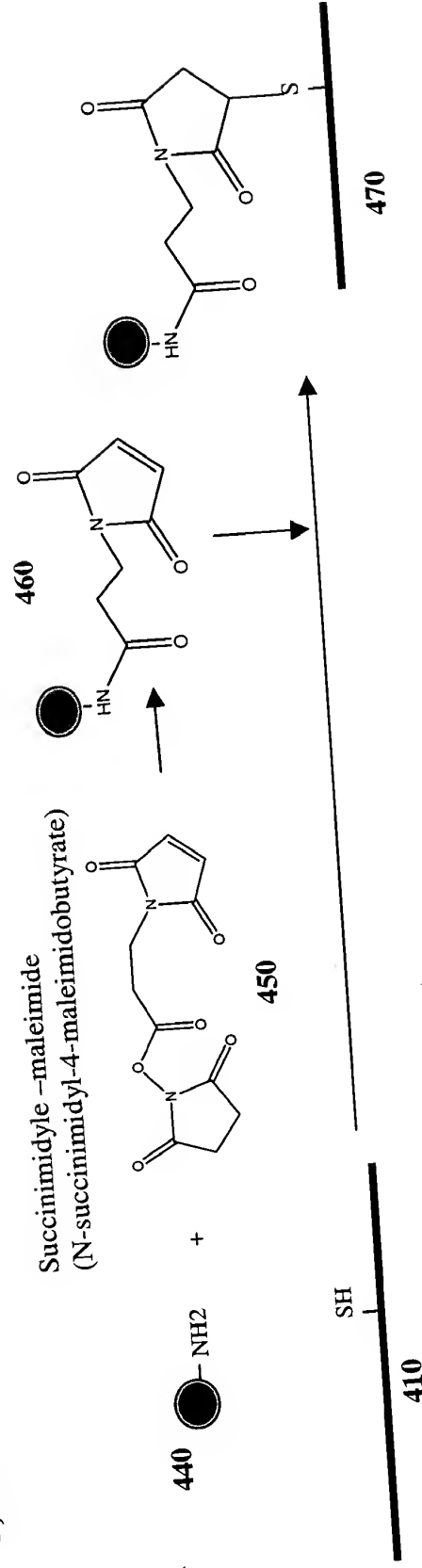
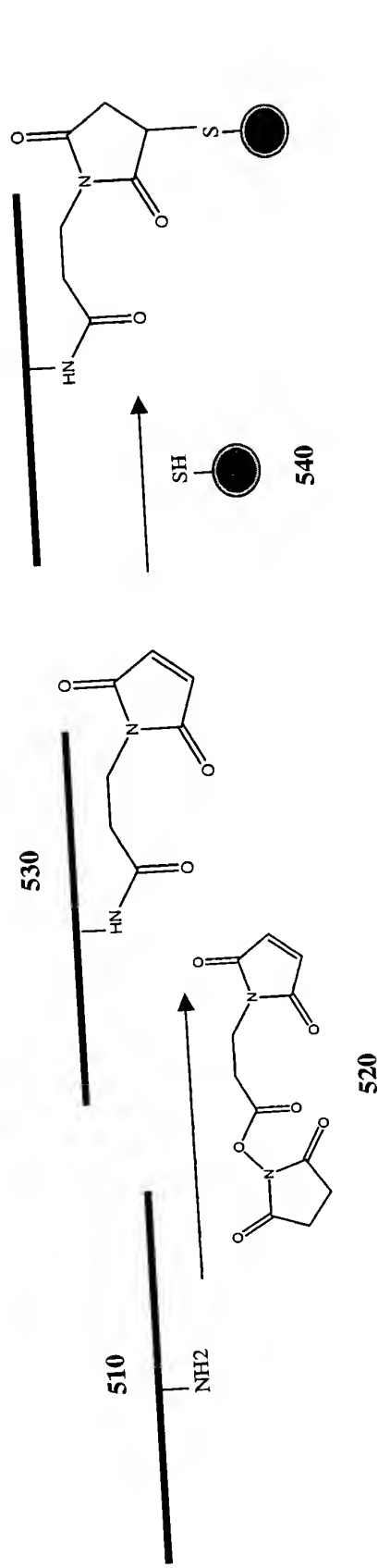


FIG. 4

FIG. 5

Tagging Lysine, Arginine and N-terminal Residues

1) Label with thiol group – Maleimide activation



2) Label with carboxyl group – EDAC activation

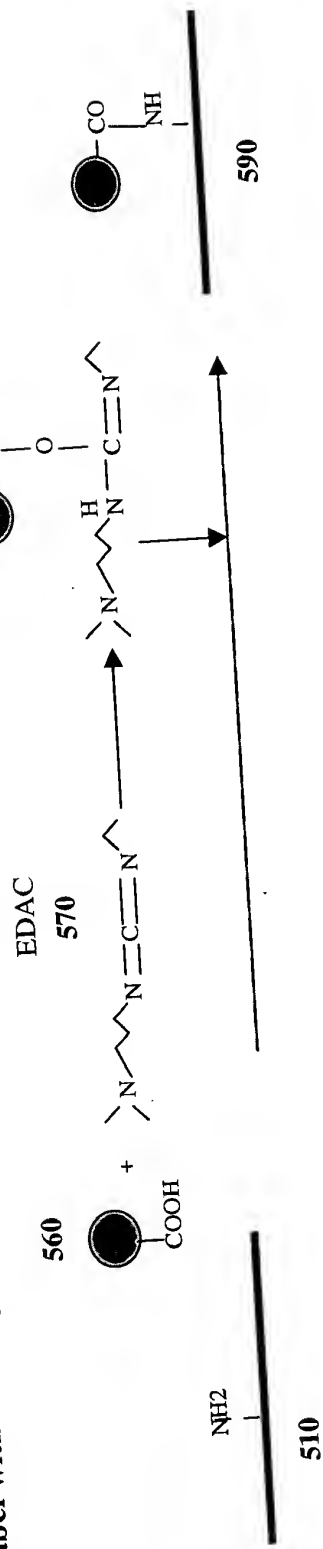
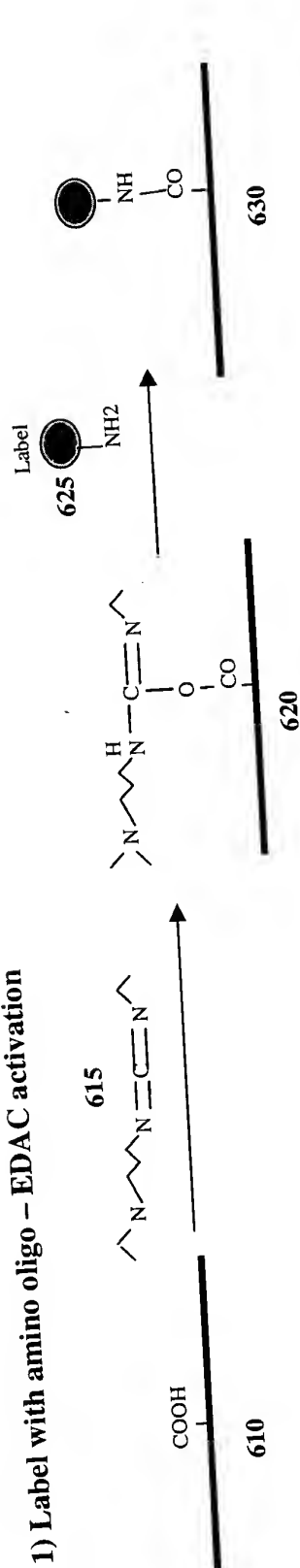


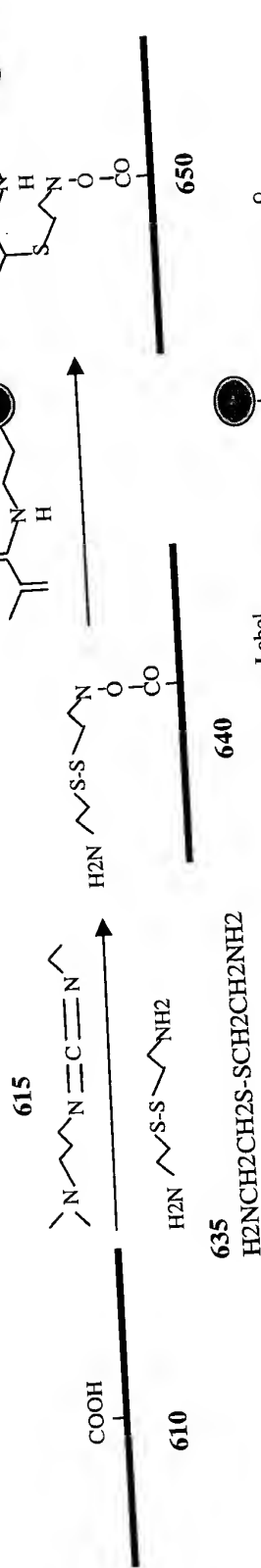
FIG. 6

Tagging Aspartate, Glutamate and C-terminal Residues

1) Label with amino oligo – EDAC activation



2) Label with acrydite oligo – Thio activation



3) Label with maleimide oligo – Thio activation

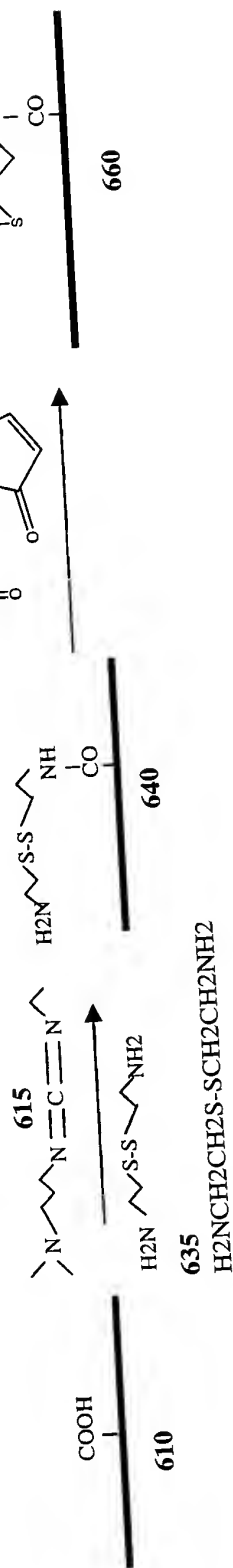
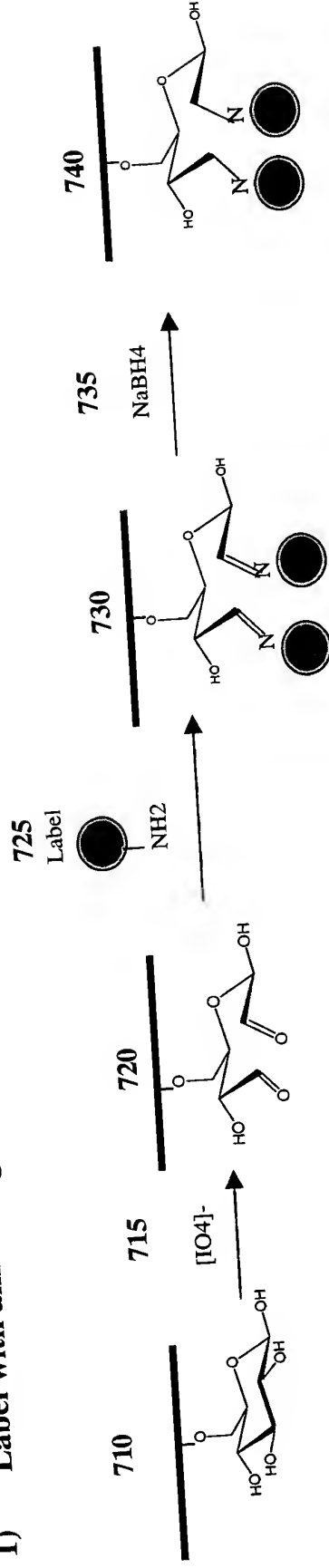


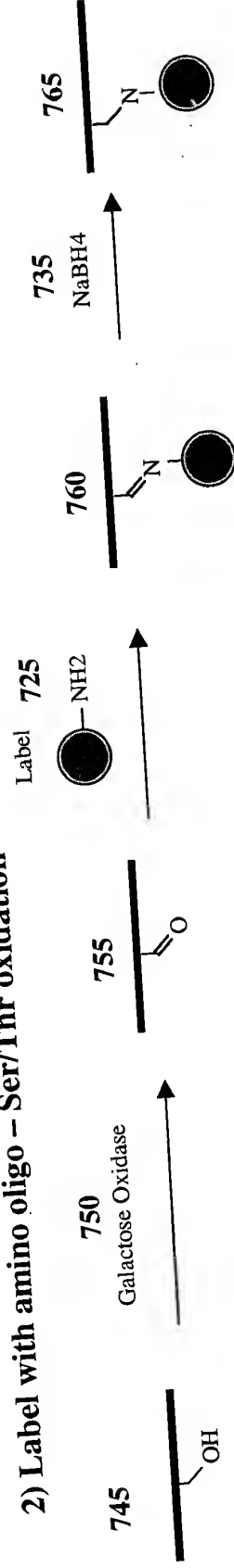
FIG. 7

Tagging Serine, Threonine and Glycosylated Residues

1) Label with amino oligo – sugar oxidation



2) Label with amino oligo – Ser/Thr oxidation



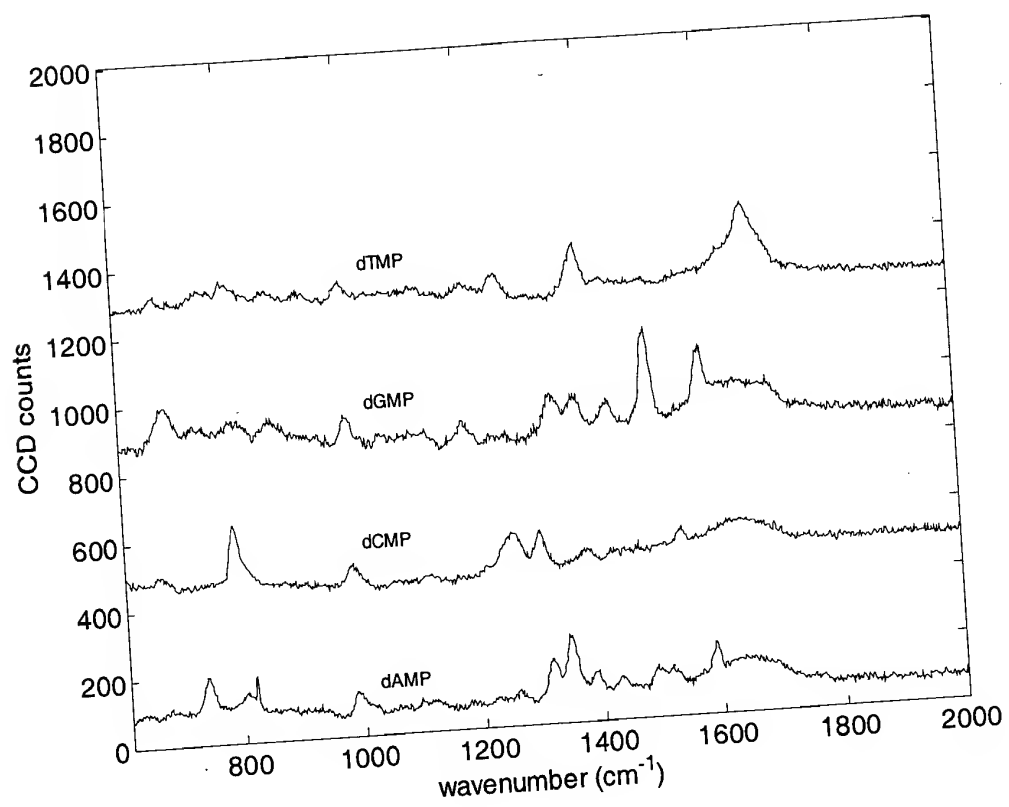


FIG. 8

FIG. 9

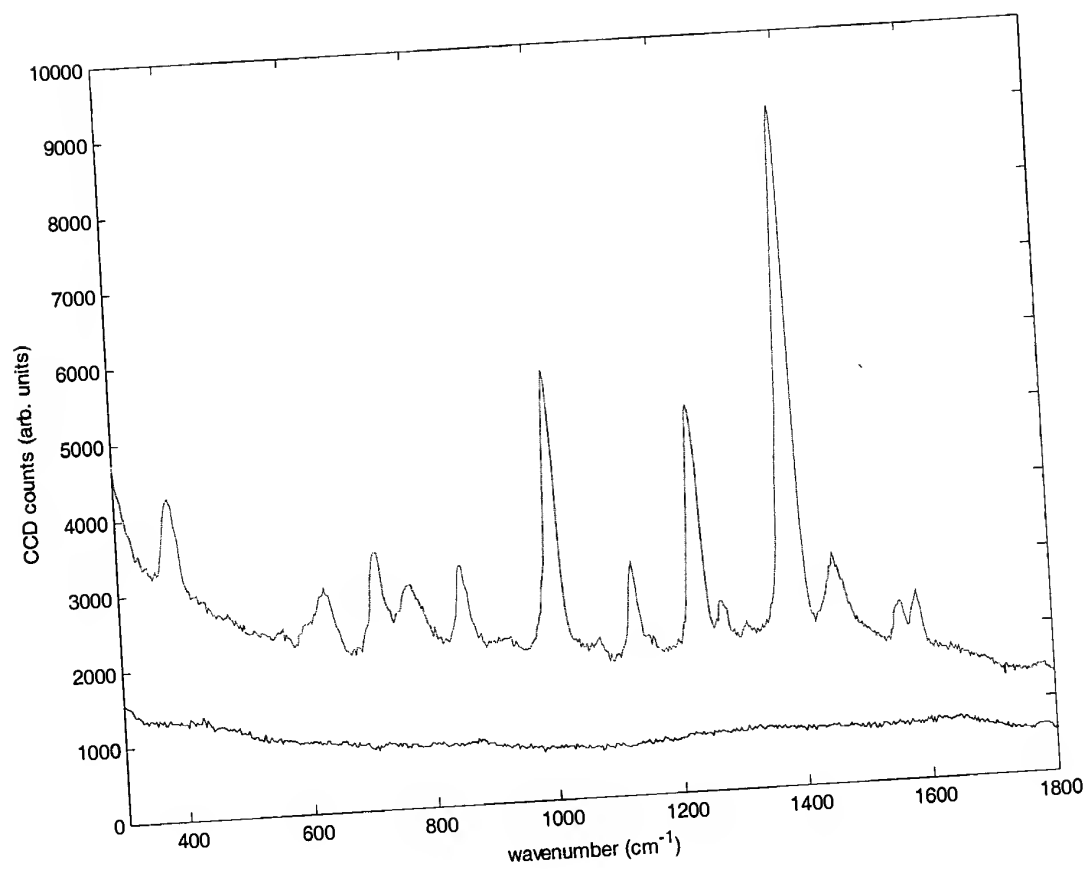


FIG. 10

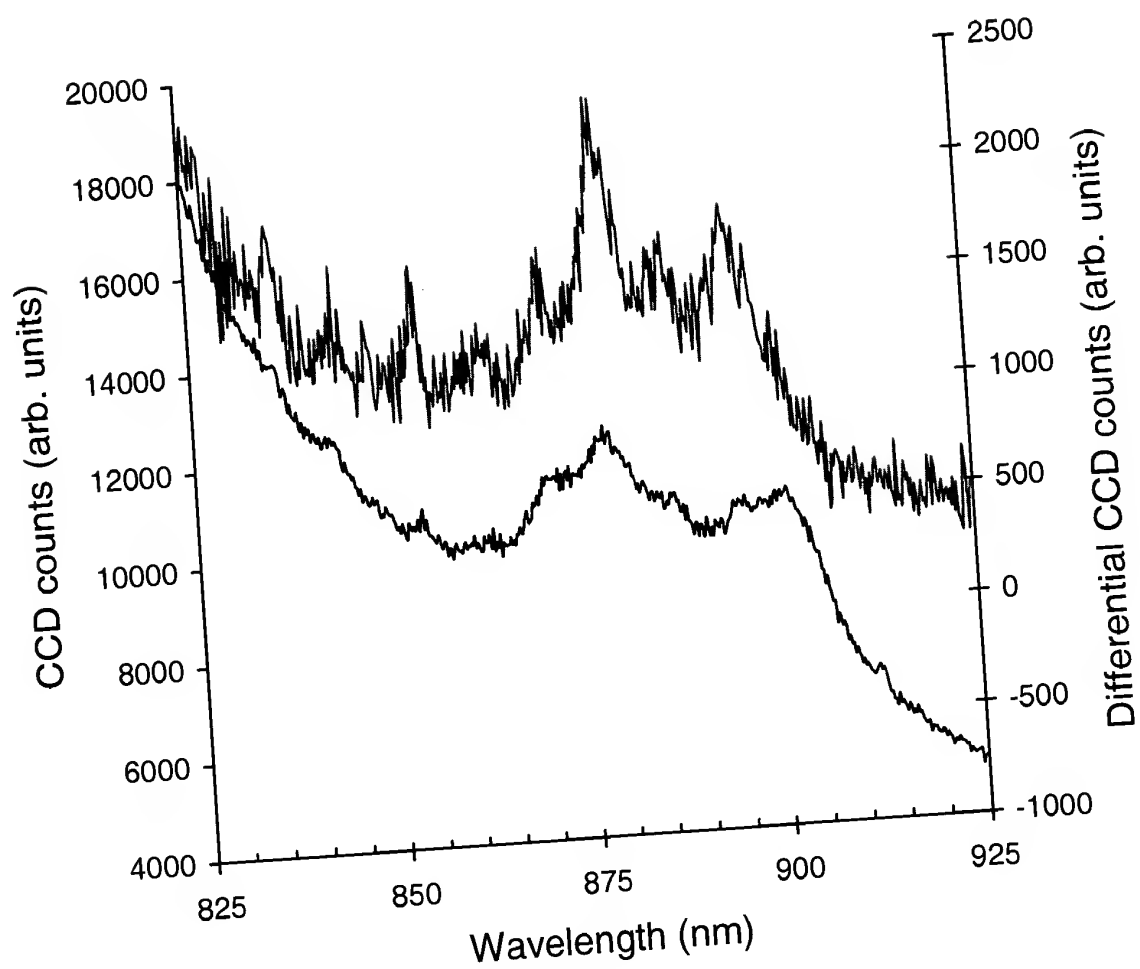


FIG. 11

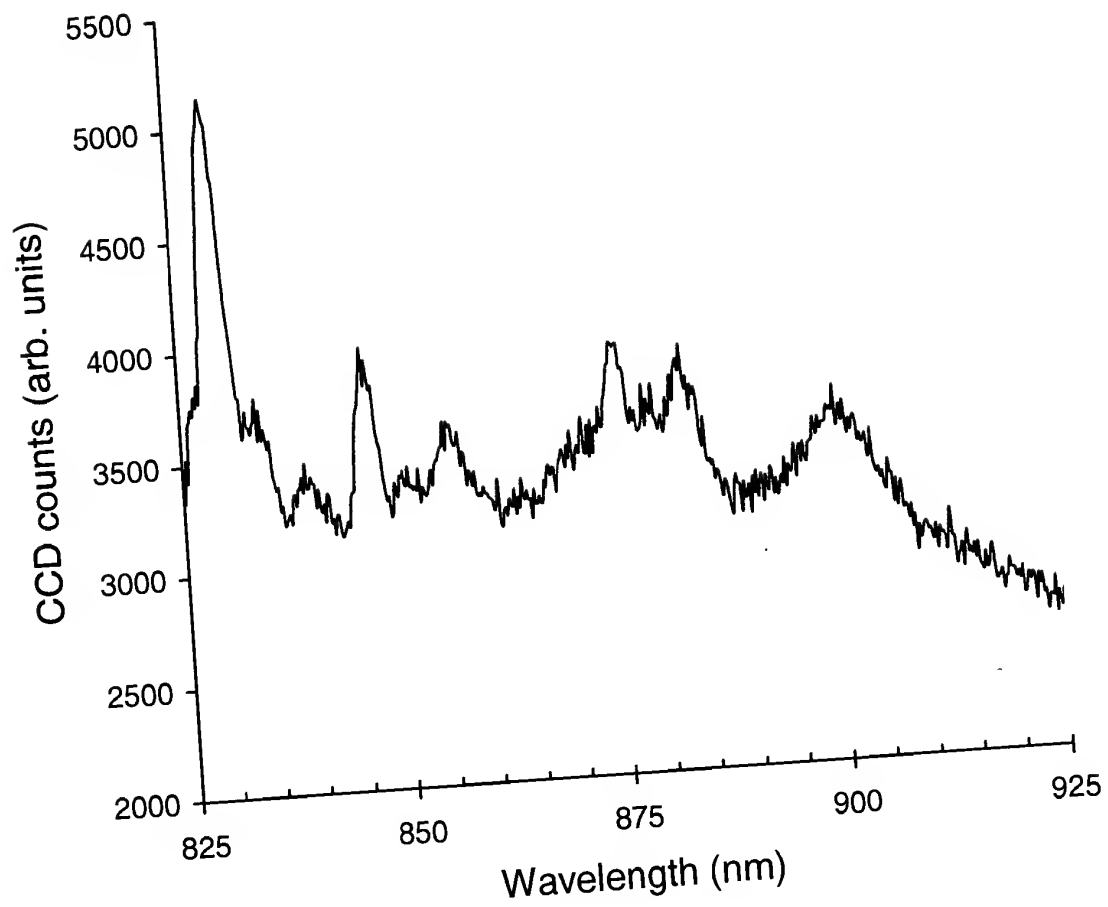


FIG. 12

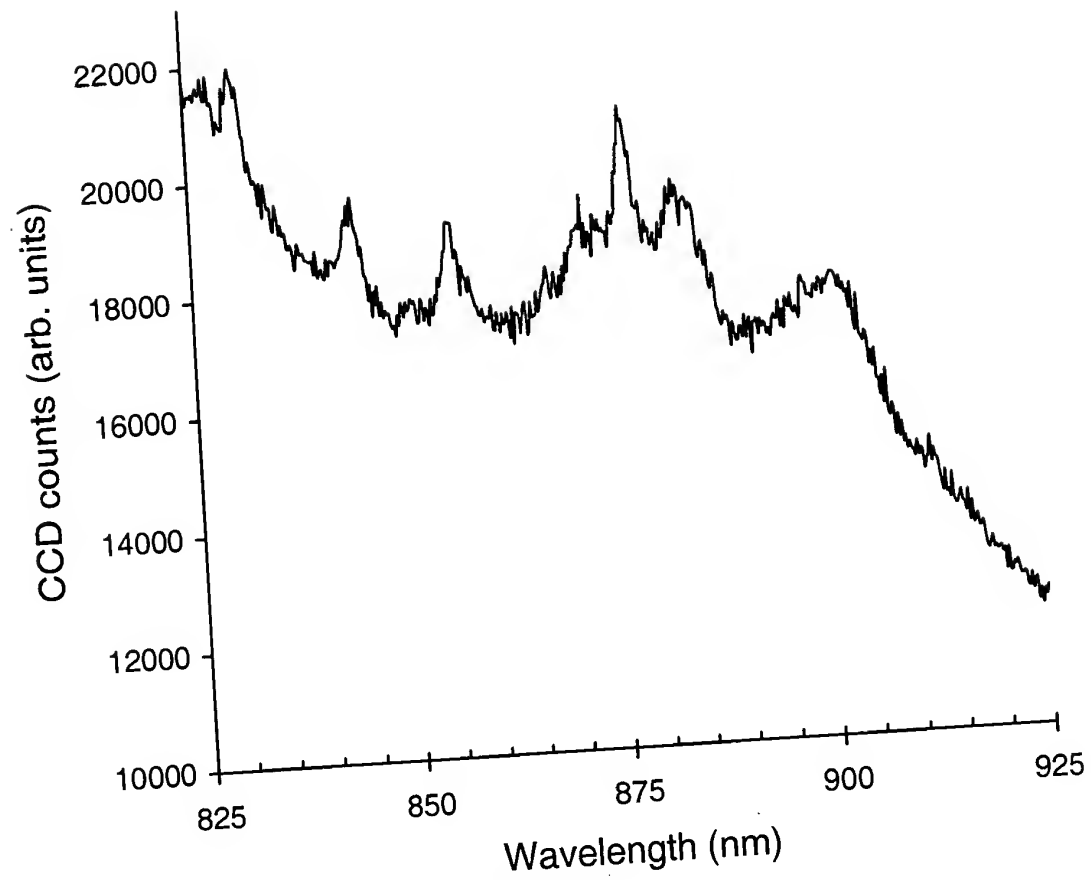


FIG. 13

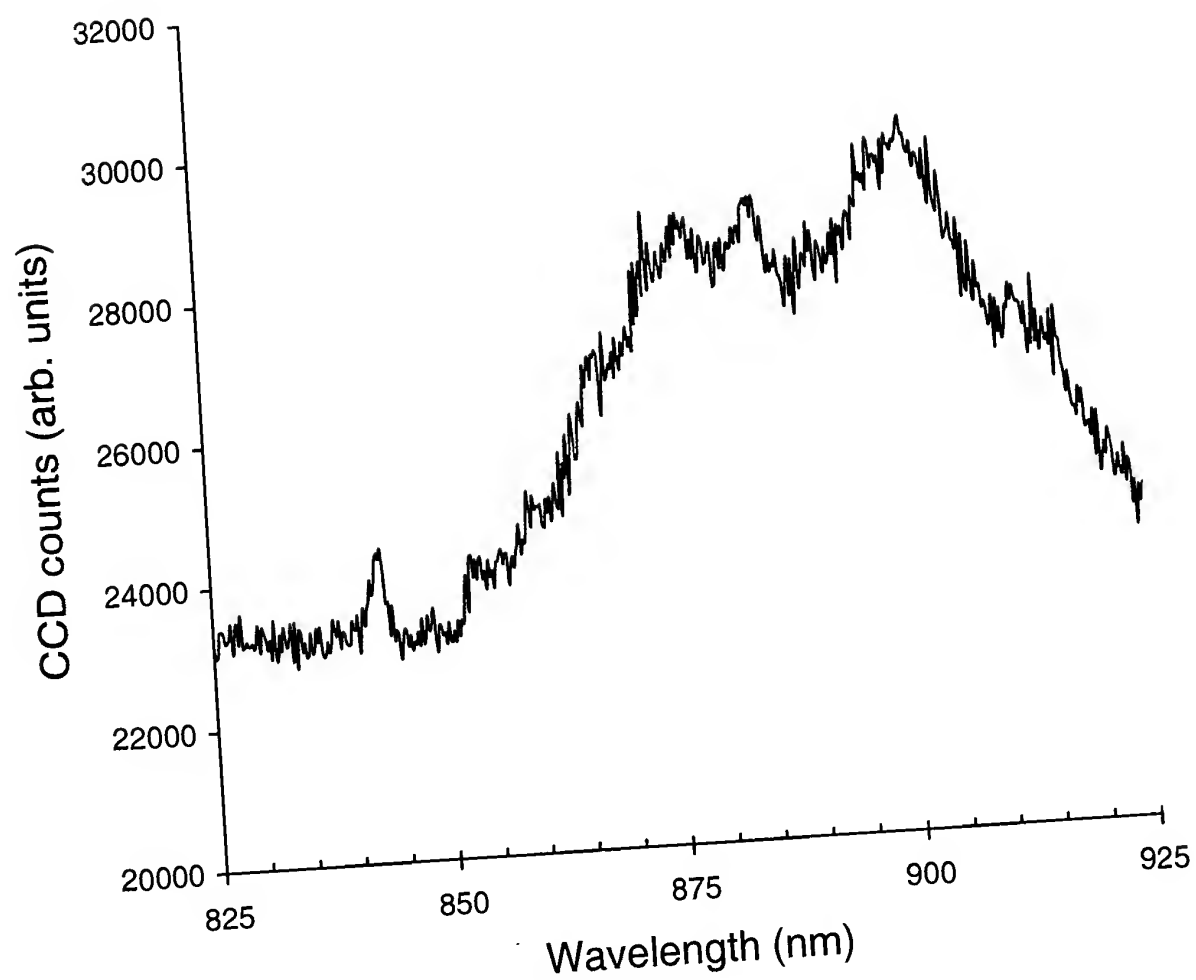


FIG. 14

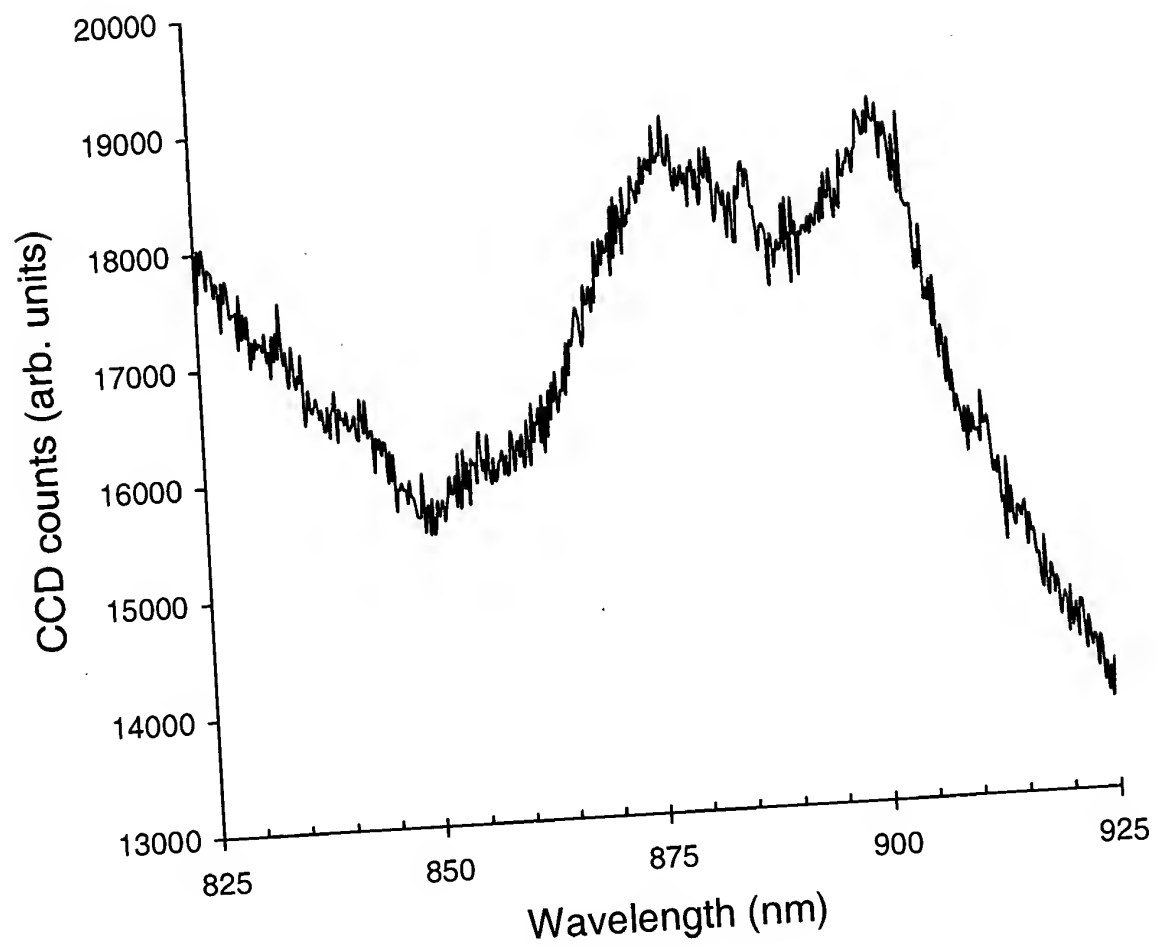


FIG. 15

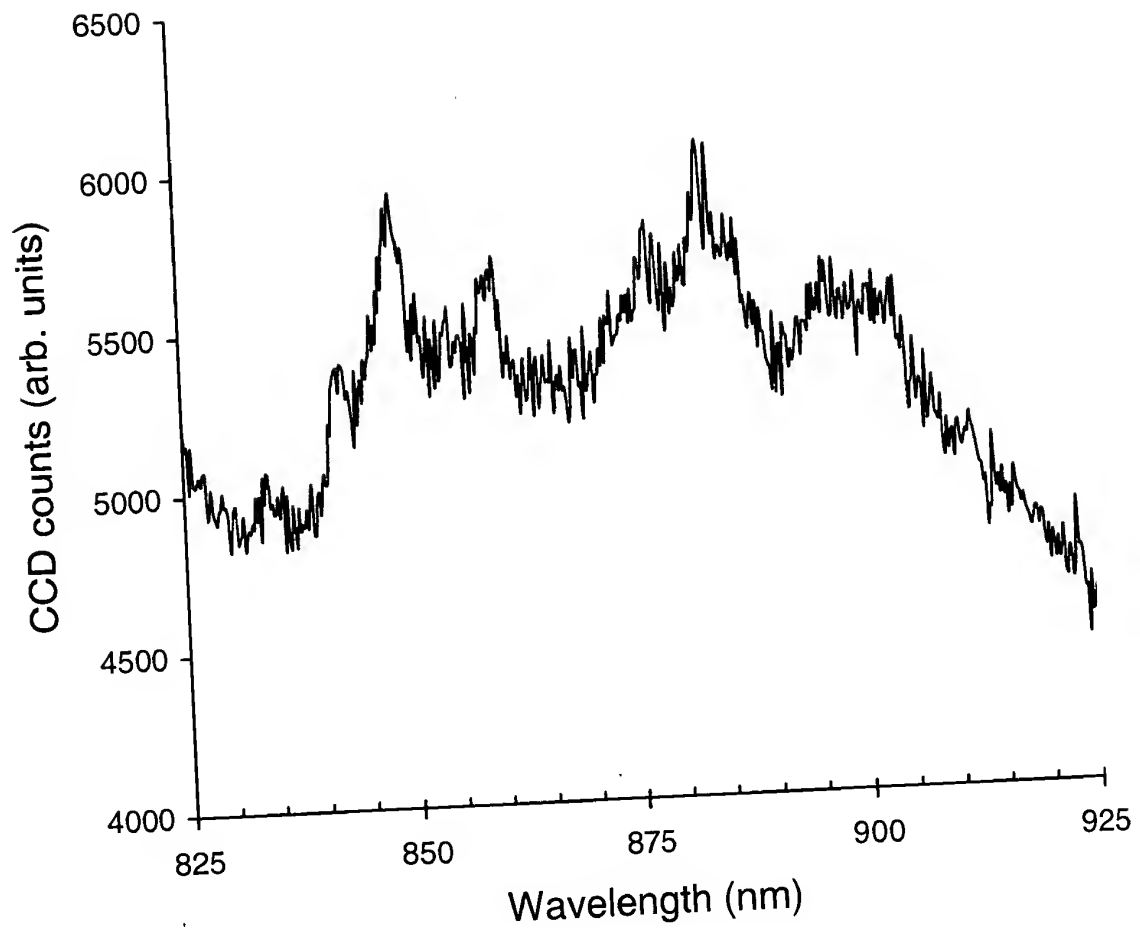


FIG. 16

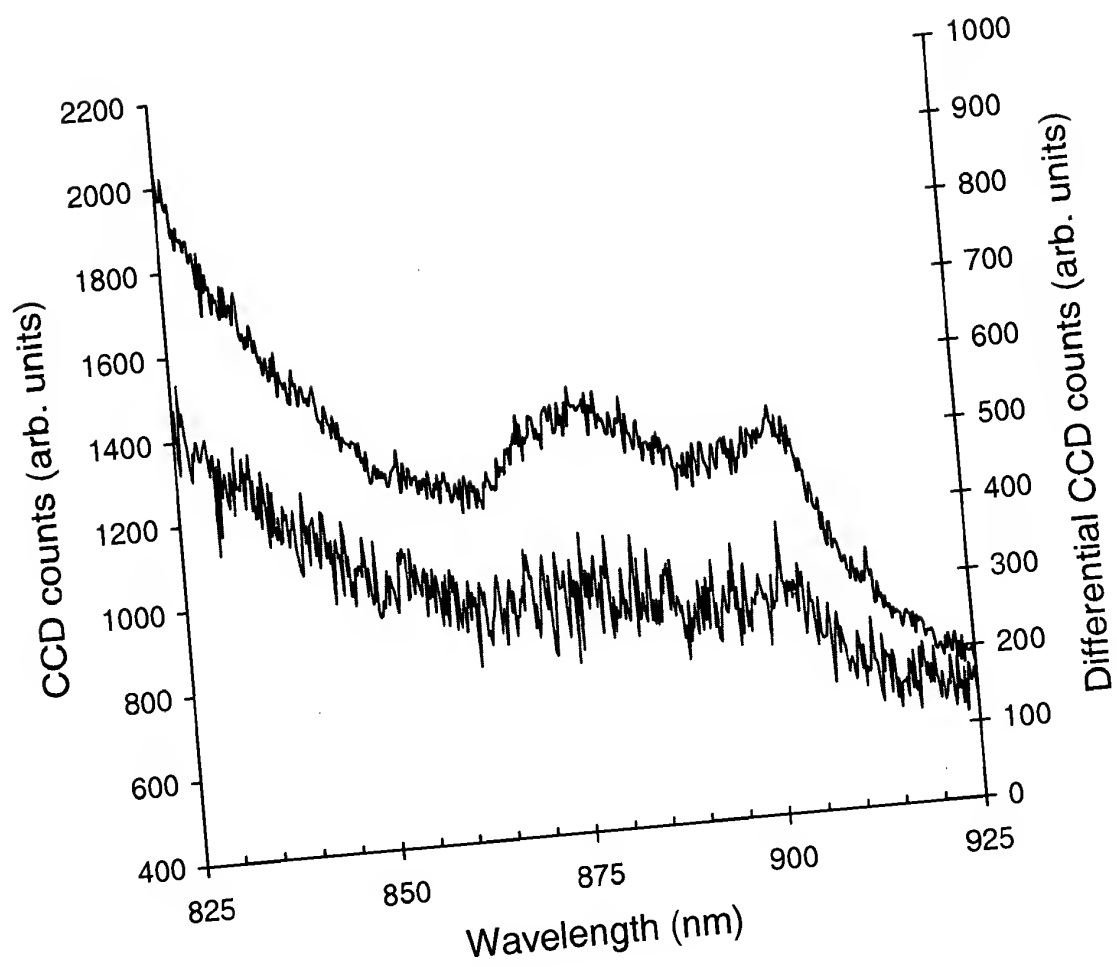


FIG. 17

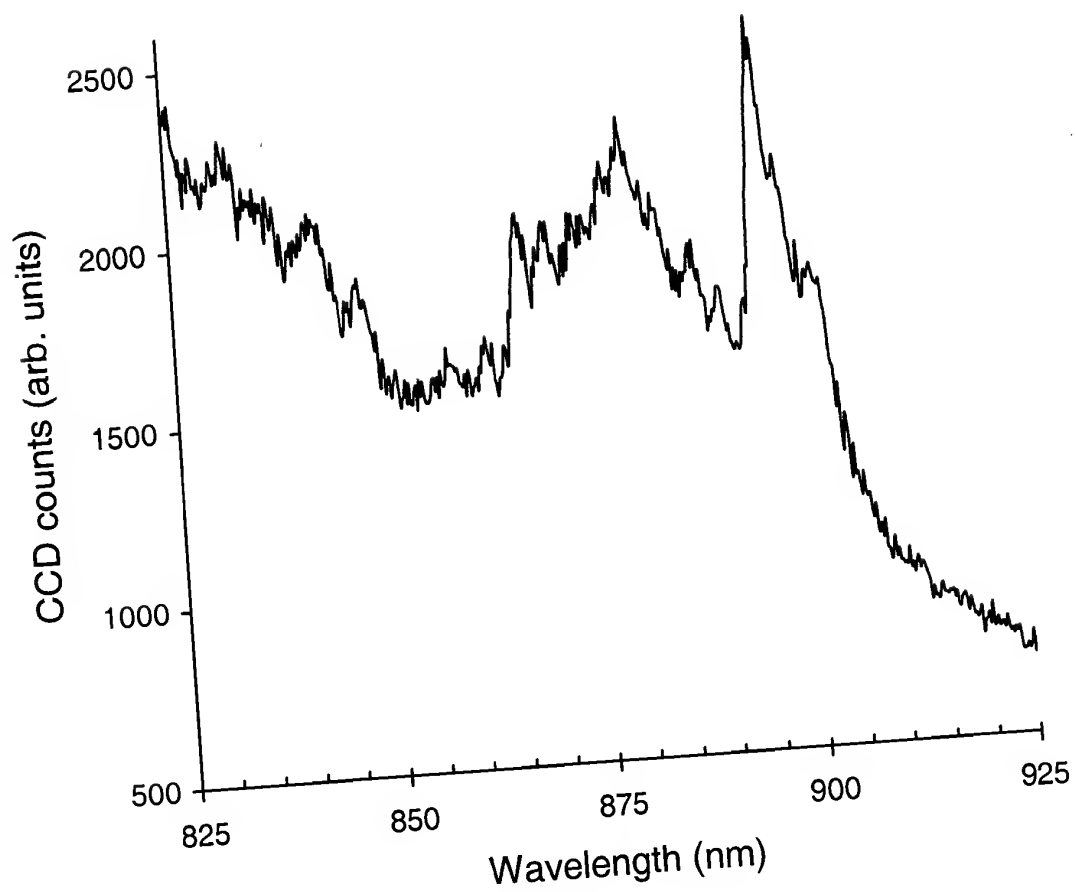


FIG. 18

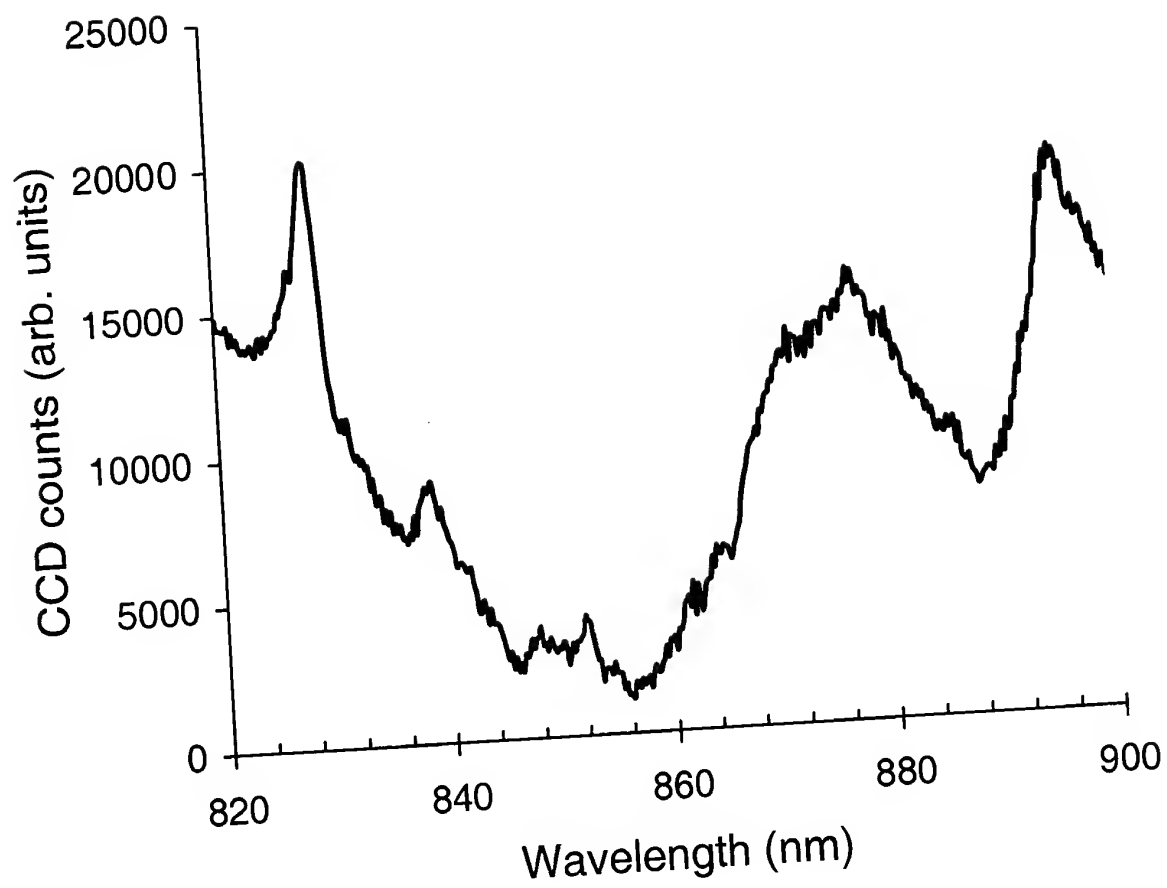


FIG. 19

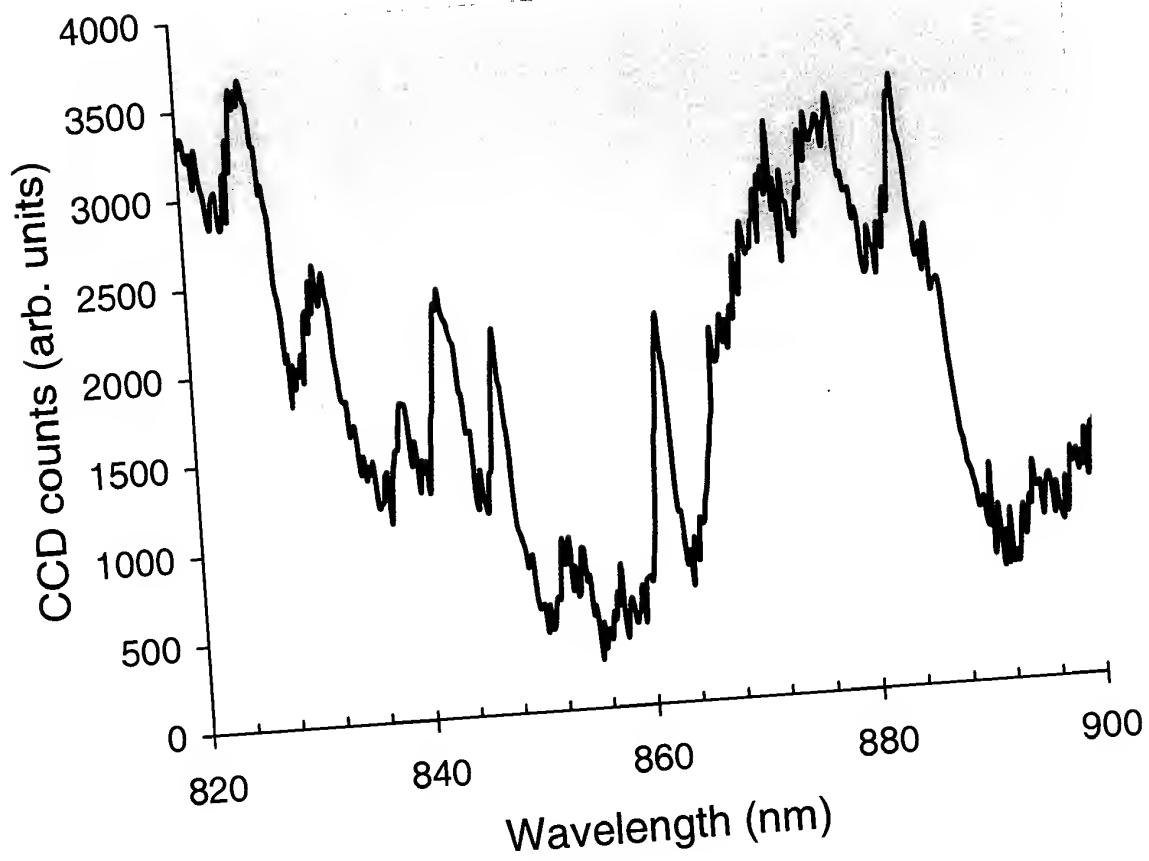


FIG. 20

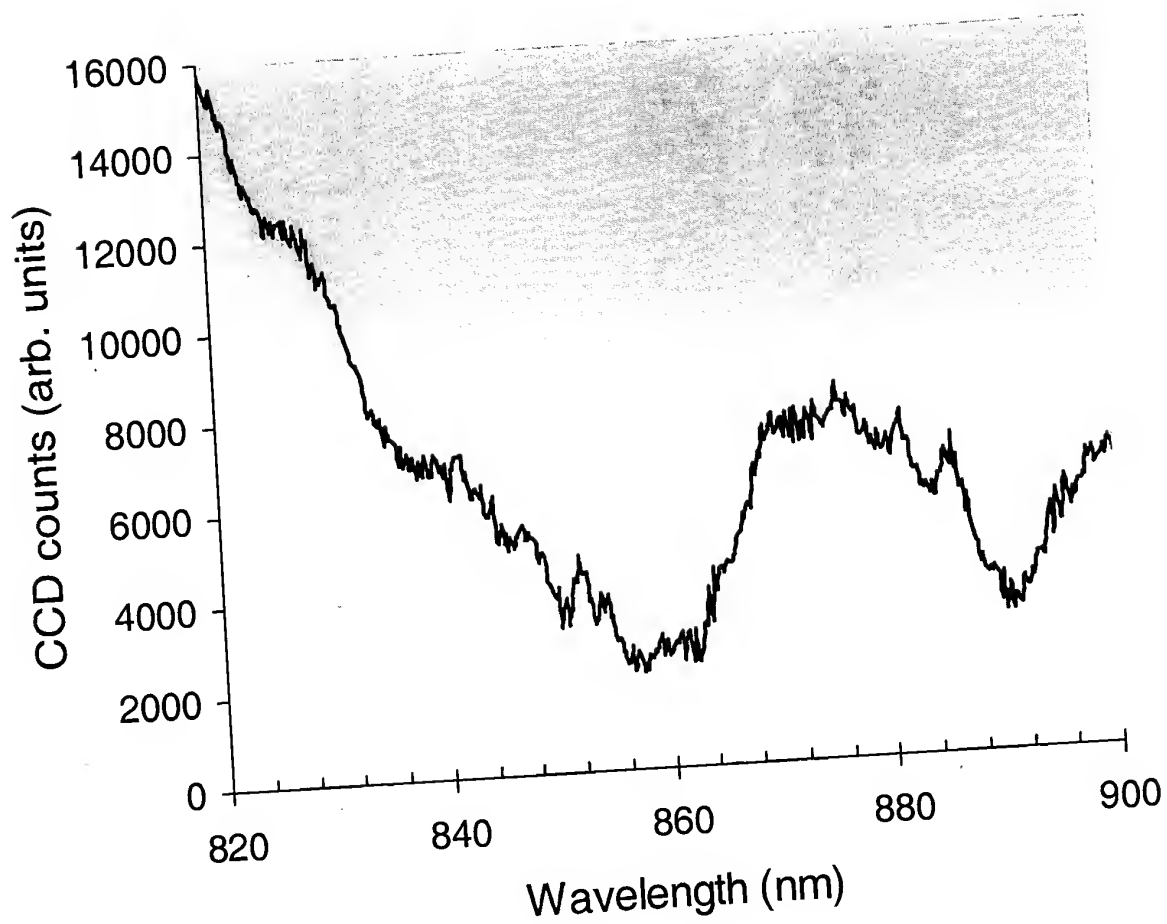


FIG. 21

